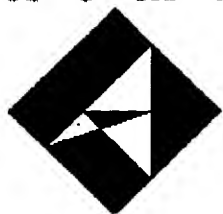


A T M I

7 Commerce Drive, Danbury, CT 06810 203.794.1100 203.797.2544
web.atmi.com info@atmi.comRECEIVED
CENTRAL FAX CENTER

MAR 15 2004

facsimile transmittance

OFFICIAL

To: Examiner John F. Niebling Fax: 703-872-9306
From: Margaret Chappuis Date: March 15, 2004
E-mail: wryann@atmi.com Pages: 9 pages (including cover sheet)
Re: U.S. Serial No. 10/623,244 cc:
ATMI-567-DIV

FACSIMILE TRANSMISSION CERTIFICATE

It hereby is certified by the person identified below that this paper is being facsimile transmitted by such person to the Commissioner of Patents and Trademarks on the date specified, to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, and Transmitted by Facsimile under the provisions of 37 CFR 1.6(d).

Lee Ann DiLelloMarch 15, 2004
Date of Transmission703-872-9306
Facsimile Number

OFFICIAL COMMUNICATION

Submission of Response to Non-Compliant Amendment (37 CFR 1.121) and Re-
Submission of Preliminary Amendment

Please find the following documents enclosed:

Transmittal Form (1 pg)
Response to Non-Compliant Amendment (37 CFR 1.121) (2 pgs)
Preliminary Amendment (5 pgs)
Facsimile Transmission Sheet (1 pg)

Please call 203-794-1100 ext. 4179 if there are any problems with this transmittal.

ATMI, Inc.
7 Commerce Drive
Danbury, CT 06810
203-794-1100 (telephone)
203-797-2544 (facsimile)
ATMI Docket: ATM-304

The document(s) accompanying this facsimile transmission contain(s) information which is confidential and/or legally privileged. The information is intended only for the use of the individual or entity named on this transmission sheet. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, or the taking of any action in reliance on the contents of this information is strictly prohibited, and the document(s) should be returned to the sender. If you have received this facsimile in error, please notify us by telephone immediately so that we may arrange for the return of the original documents at no cost to you.



Please type a plus sign (+) inside this box →



PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/623,244
	Filing Date	July 18, 2003
	First Named Inventor	Jose Arno
	Group Art Unit	2812
	Examiner Name	John F. Niebling
Total Number of Pages in This Submission	Attorney Docket Number	ATMI-567-DIV

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to Notice to Non-Compliant Amendment (2 pgs) Preliminary Amendment (5 pgs)
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Margaret Chappuis, Reg. No. 45,735
Signature	<i>Margaret Chappuis</i>
Date	March 15, 2004

CERTIFICATE OF FACSIMILE TRANSMISSION (703) 872-9306

I hereby certify that this correspondence is being facsimile transmitted pursuant to 37 C.F.R. 1.6(d) addressed to:
 Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 3/15/2004

Type or printed name	Lee Ann DiLello	Date	3/15/2004
Signature	<i>Lee Ann DiLello</i>		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

ATMI-567-DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Jose I. Arno

Title : Infrared Thermopile Detector System For Semiconductor Process
Monitoring and Control

U.S. Serial No.: 10/623,244

Filing Date: July 18, 2003

Group Art Unit: 2812

Examiner: TBA

**RECEIVED
CENTRAL FAX CENTER**

MAR 15 2004

OFFICIAL**CERTIFICATE OF FACSIMILE**

I hereby certify that this document is being facsimile transmitted
pursuant to Facsimile No. 703-872-9306 37 C.F.R. 1.6(d) on the date indicated
below and is addressed to: Commissioner for Patents,
P.O. Box 1450, Alexandria, VA 22313-1450.

Lee Ann DiLello

Name of Person Mailing/Faxing Document



Signature

March 15, 2004

Date

RESPONSE TO NON-COMPLIANT AMENDMENT (37 CFR 1.121)

Mail Stop
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

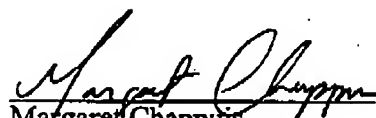
In response to the Notice of Non-Compliant Amendment dated February 19, 2004, Applicants have revised the attached Preliminary Amendment in compliance with 37 CFR 1.121. Please replace the Preliminary Amendment filed on December 9, 2003 with the attached revised Preliminary Amendment.

ATMI-567-DIV

Applicant does not believe that any fee is due in connection with the foregoing.

However, any deficiencies may be charged to the deposit account 50-0860.

Respectfully submitted,


Margaret Chappuis
Registration No. 45,735

Advanced Technology Materials, Inc.
7 Commerce Dr.
Danbury, Ct. 06810
203 794-1100, Ext. 4184
203 797-2544 Fax
Attorney Ref: ATMI-567-DIV.